Envision Sustainable Infrastructure Rating System: Credits that Apply to these Edina Projects

Edina: Quality of Life – Applicable Credits	
QL1.1	**Improve community quality of life.** Improve the net quality of life of all communities affected by the project and mitigate negative impacts to communities.
QL1.2	**Stimulate sustainable growth and development.** Support and stimulate sustainable growth and development, including improvements in job growth, capacity building, productivity, business attractiveness and livability.
QL2.1	**Enhance public health and safety.** Take into account the health and safety implications of using new materials, technologies or methodologies above and beyond meeting regulatory requirements.
QL2.2	**Minimize noise and vibration.** Minimize noise and vibration generated during construction and in the operation of the constructed works to maintain and improve community livability.
QL2.3	**Minimize light pollution.** Prevent excessive glare, light at night, and light directed skyward to conserve energy and reduce obtrusive lighting and excessive glare.
QL2.4	**Improve community mobility and access.** Locate, design and construct the project in a way that eases traffic congestion, improves mobility and access, does not promote urban sprawl, and otherwise improves community livability.
QL2.5	**Encourage alternative modes of transportation.** Improve accessibility to non-motorized transportation and public transit. Promote alternative transportation and reduce congestion.
QL2.6	**Improve site accessibility, safety and wayfinding.** Improve user accessibility, safety, and wayfinding of the site and surrounding areas.
QL3.1	**Preserve historic and cultural resources.** Preserve or restore significant historical and cultural sites and related resources to preserve and enhance community cultural resources.
QL3.2	**Preserve views and local character.** Design the project in a way that maintains the local character of the community and does not have negative impacts on community views.
QL3.3	**Enhance public space.** Improve existing public space including parks, plazas, recreational facilities, or wildlife refuges to enhance community livability.
QL0.0	**INNOVATE OR EXCEED CREDIT REQUIREMENTS.** To reward exceptional performance beyond the expectations of the system as well as the application of innovative methods which advance the state of the art for sustainable infrastructure.

Edina: Leadership – Applicable Credits	
LD1.1	**Provide effective leadership and commitment.** Provide effective leadership and commitment to achieve project sustainability goals.
LD1.3	**Foster collaboration and teamwork.** Eliminate conflicting design elements, and optimize system by using integrated design and delivery methodologies and collaborative processes.
LD1.4	**Provide for stakeholder involvement.** Establish sound and meaningful programs for stakeholder identification, engagement and involvement in project decision making.
LD2.1	**Pursue by-product synergy opportunities.** Reduce waste, improve project performance and reduce project costs by identifying and pursuing opportunities to use

	unwanted by-products or discarded materials and resources from nearby operations.
LD2.2	**Improve infrastructure integration.** Design the project to take into account the operational relationships among other elements of community infrastructure which results in an overall improvement in infrastructure efficiency and effectiveness.
LD3.1	**Plan for long-term monitoring and maintenance.** Put in place plans and sufficient resources to ensure as far as practical that ecological protection, mitigation and enhancement measures are incorporated in the project and can be carried out.
LD3.2	**Address conflicting regulations and policies.** Work with officials to Identify and address laws, standards, regulations or policies that may unintentionally create barriers to implementing sustainable infrastructure.
LD3.3	**Extend useful life.** Extend a project's useful life by designing the project in a way that results in a completed works that is more durable, flexible and resilient.
LD0.0	**INNOVATE OR EXCEED CREDIT REQUIREMENTS.** To reward exceptional performance beyond the expectations of the system as well as the application of innovative methods which advance the state of the art for sustainable infrastructure.

Edina: Resources Allocation – Applicable Credits

RA1.3	**Use recycled materials.** Reduce the use of virgin materials and avoid sending useful materials to landfills by specifying reused materials, including structures, and material with recycled content.
RA1.4	**Use regional materials.** Minimize transportation costs and impacts and retain regional benefits through specifying local sources.
RA1.5	**Divert waste from landfills.** Reduce waste, and divert waste streams away from disposal to recycling and reuse.
RA1.6	**Reduce excavated materials taken off site.** Minimize the movement of soils and other excavated materials off site to reduce transportation and environmental impacts.
RA1.7	**Provide for deconstruction and recycling.** Encourage future recycling, up-cycling, and reuse by designing for ease and efficiency in project disassembly or deconstruction at the end of its useful life.
RA2.1	**Reduce energy consumption.** Conserve energy by reducing overall operation and maintenance energy consumption throughout the project life cycle.
RA2.2	**Use renewable energy.** Meet energy needs through renewable energy sources.
RA3.1	**Protect fresh water availability.** Reduce the negative net impact on fresh water availability, quantity and quality.
RA3.2	**Reduce potable water consumption.** Reduce overall potable water consumption and encourage the use of greywater, recycled water, and stormwater to meet water needs.
RA3.3	**Monitor water systems.** Implement programs to monitor water systems performance during operations and their impacts on receiving waters.
RA0.0	**INNOVATE OR EXCEED CREDIT REQUIREMENTS.** To reward exceptional performance beyond the expectations of the system as well as the application of innovative methods which advance the state of the art for sustainable infrastructure.

Edina: Natural World – Applicable Credits

NW1.1	**Preserve prime habitat.** Avoid placing the project – and the site compound/temporary works – on land that has been identified as of high ecological value or as having species of high value.
NW1.2	**Protect wetlands and surface water.** Protect, buffer, enhance and restore areas designated as wetlands, shorelines, and waterbodies by providing natural buffer zones, vegetation and soil protection zones.
NW1.4	**Avoid adverse geology.** Avoid development in adverse geologic formations and safeguard aquifers to reduce natural hazards risk and preserve high quality groundwater resources.
NW1.5	**Preserve floodplain functions.** Preserve floodplain functions by limiting development and development impacts to maintain water management capacities and capabilities.
NW1.6	**Avoid unsuitable development on steep slopes.** Protect steep slopes and hillsides from inappropriate and unsuitable development in order to avoid exposures and risks from erosion and landslides, and other natural hazards.
NW1.7	**Preserve greenfields.** Conserve undeveloped land by locating projects on previously developed greyfield sites and/or sites classified as brownfields.
NW2.1	**Manage stormwater.** Minimize the impact of infrastructure on stormwater runoff quantity and quality.
NW2.2	**Reduce pesticide and fertilizer impacts.** Reduce non-point source pollution by reducing the quantity, toxicity, bioavailability and persistence of pesticides and fertilizers, or by eliminating the need for the use of these materials.
NW2.3	**Prevent surface and groundwater contamination.** Preserve fresh water resources by incorporating measures to prevent pollutants from contaminating surface and groundwater and monitor impacts over operations.
NW3.1	**Preserve species biodiversity.** Protect biodiversity by preserving and restoring species and habitats.
NW3.2	**Control invasive species.** Use appropriate non-invasive species and control or eliminate existing invasive species.
NW3.3	**Restore disturbed soils.** Restore soils disturbed during construction and previous development to bring back ecological and hydrological functions.
NW3.4	**Maintain wetland and surface water functions.** Maintain and restore the ecosystem functions of streams, wetlands, waterbodies and their riparian areas.
NW0.0	**INNOVATE OR EXCEED CREDIT REQUIREMENTS.** To reward exceptional performance beyond the expectations of the system and the application of innovative methods which advance the state of the art for sustainable infrastructure.

Edina: Climate and Risk – Applicable Credits

CR2.1	**Assess climate threat.** Develop a comprehensive Climate Impact Assessment and Adaptation Plan.

CR2.2	**Avoid traps and vulnerabilities.** Avoid traps and vulnerabilities that could create high, long-term costs and risks for the affected communities.
CR2.3	**Prepare for long-term adaptability.** Prepare infrastructure systems to be resilient to the consequences of long-term climate change, perform adequately under altered climate conditions, or adapt to other long-term change scenarios.
CR2.4	**Prepare for short-term hazards.** Increase resilience and long-term recovery prospects of the project and site from natural and man-made short-term hazards.
CR2.5	**Manage heat islands effects.** Minimize surfaces with a high solar reflectance index (SRI) to reduce localized heat accumulation and manage microclimates.
CR0.0	**INNOVATE OR EXCEED CREDIT REQUIREMENTS.** To reward exceptional performance beyond the expectations of the system as well as the application of innovative methods which advance the state of the art for sustainable infrastructure.